

ORDINANCE NO. O2013-47

AN ORDINANCE OF THE CITY OF WILDWOOD FLORIDA;
AMENDING SUBSECTIONS 6.2(C) POTABLE WATER
SYSTEM DESIGN, 6.3(C) SANITARY SEWER SYSTEM
DESIGN, 6.5(D) PAVEMENT THICKNESS, AND SECTION
2.2 DEFINITIONS OF THE LAND DEVELOPMENT
REGULATIONS OF THE CITY OF WILDWOOD, FLORIDA;
PERTAINING TO POTABLE WATER SYSTEM DESIGN,
SANITARY SEWER SYSTEM DESIGN, AND PAVEMENT
THICKNESS; PROVIDING FOR CODIFICATION;
PROVIDING FOR CONFLICT; AND PROVIDING FOR AN
EFFECTIVE DATE.

WHEREAS, the City wishes to modify certain potable water system design requirements within the Land Development Regulations;

WHEREAS, the City wishes to delete subsection 6.3(C)(13) of the Land Development Regulations regarding the requirement manhole covers be hinged and locked;

WHEREAS, the City wishes to modify Table 6-8 contained in subsection 6.5(D) of the Land Development Regulations pertaining to pavement thickness; and

WHEREAS, the City wishes to amend Section 2.2 (Definitions) of the Land Development Regulations to include a definition for "local collector" streets.

NOW, THEREFORE, BE IT ENACTED AND ORDAINED, by the City Commission of Wildwood, Florida, as follows:

SECTION 1. The amendments to subsection 6.2(C) (Potable Water System Design) of the Land Development Regulations are shown with ~~strikethrough~~ for deletions and underline for additions and include:

6.2 (C) Potable water system design.

(2) Two inch (2") water mains shall be polyvinylchloride (PVC) or ~~higher density~~ polyethylene (HDPE) ~~directional bore~~. ~~Three~~ Four inch (~~3-4"~~) to twelve inch (12") water mains shall be polyvinylchloride (PVC), HDPE directional bore, or ductile iron pipe (DIP). All PVC pipe shall be potable water blue, have identifying tape and locating wire on top. PVC pipe 4" to 8" in diameter shall meet requirements of ANSI/AWWA C-900, DR1825. PVC pipe 10" to 12" in diameter shall meet

~~requirements of ANSI/AWWA C-900, DR18. All HDPE pipe shall be color coded blue striping and locating wire on top.~~ HDPE pipe shall meet requirements of ANSI/AWWA C906, DR-9 and DR-11.

(5) Where fire hydrants or fire systems are to be installed the minimum size diameter water main installed serving the hydrant shall be six inches (6") for looped lines and eight inches (8") for dead end lines. All hydrant connections off the water mains shall be six inches (6") in diameter, ductile iron pipe.

(10) Fire hydrants shall be provided in all new developments, and shall be spaced no greater than ~~500'~~ 1,000' and no greater than 500' from any building.

SECTION 2. The amendments to subsection 6.3(C) (Sanitary Sewer System Design) of the Land Development Regulations are shown with ~~strikethrough~~ for deletions and underline for additions and include:

6.3 (C) Sanitary Sewer system design.

~~(13) All manhole covers shall be hinged and lockable. Locks must be furnished with the covers.~~

~~(14)~~ Total depth of manholes shall not exceed 18' in depth unless approved by the City Engineer.

~~(15)~~ Non-hinged manhole covers on existing manhole tops requiring shall be replaced with hinged and lockable manhole covers.

~~(16)~~ All laterals shall be installed perpendicular to the sewer main except dead end manhole connections where lateral length is limited to a maximum of 125'.

~~(17)~~ Four inch (4") to twenty four inch (24") sewer force mains shall be polyvinylchloride (PVC) or ductile iron pipe (DIP) based on pressure. All PVC pipe shall be sewer green with identifying tape and locating wire. PVC force main pipe shall meet requirements of ANSI/AWWA C-900, DR 14 and DR 18 for sizes four inch (4") through twelve inch (12"); C-905, DR18 for sizes 14" through 36".

~~(18)~~ Sizing of sewer force mains shall be in accordance with sound engineering practices and the City's master distribution plans. Force mains shall be designed to maintain a minimum velocity of two feet per second. Provide design calculations showing the pressures designed for the forcemain system. The working pressures within the system shall not exceed the pressure class of the pipe with a 1.5 safety factor.

~~(19)~~ Fittings shall be DIP fittings for DIP and PVC pipe installations.

SECTION 3. The amendments to Table 6-8 in subsection 6.5(D) (Pavement Thickness) of the Land Development Regulations are shown with ~~strikethrough~~ for deletions and underline for additions and include:

Table 6-8: Pavement Thickness – Typical Section

Road Classification	Pavement (Type SP)	Base (Limerock) LBR 100	Stabilized Subgrade (LBR 40)
Local Residential Street	1.25"	8 6"	12"
Residential Local Collector	1.50"	10 8"	12"
Local Commercial	1.50"	10"	12"
Collector	2.50"	10"	12"

Notes:

* The width of the base material shall extend six inches (6") beyond the edge of pavement if curb and gutter is not provided.

** The width of the subgrade material shall extend twelve inches beyond the edge of pavement if curb and gutter is not provided, or six inches (6") beyond the back of curb.

SECTION 4. Section 2.2 (Definitions) of the Land Development Regulations is amended to include the following:

2.2 Definitions.

Local Collector – A collector street that primarily receives traffic from Local Streets whose primary purpose is to facilitate travel between local destinations and/or residential neighborhoods or pods. The determination of a Local Collector designation shall be made by the Development Services Director.

SECTION 5. All ordinances or parts of ordinances in conflict herewith, be, and the same are hereby repealed.

SECTION 3. If any section, sentence, clause or phrase of this Ordinance is held to be invalid or unconstitutional by a Court or competent jurisdiction, then said holding shall in no way effect the validity of the remaining portions of said Ordinance.

SECTION 4. This Ordinance shall be effective upon adoption during the second and final reading by the City of Wildwood City Commission.

DONE AND ORDAINED this 28th day of October, 2013, by the City Commission of the City of Wildwood, Florida.

CITY COMMISSION
CITY OF WILDWOOD, FLORIDA

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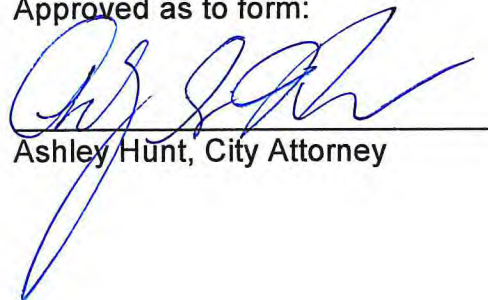
Ed Wolf, Mayor

ATTEST: 
Joseph Jacobs, City Clerk

First Reading: October 14, 2013

Second Reading: October 28, 2013

Approved as to form:



Ashley Hunt, City Attorney